

R. Zeman

1645

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/297,981

DATE: 05/19/2000  
TIME: 18:57:52

Input Set: I297981.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

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1 <110> APPLICANT: MEHENS, LYDIE  
2 LUHRMANN, REINHARD GEORGE  
3 UNION, ANN  
4 RAYMACKERS, JOSEPH  
5 <120> TITLE OF INVENTION: METHYLATED, SMD HOMOLOGOUS PEPTIDES, REACTIVE WITH THE  
6 ANTIBODIES FROM SERA OF LIVING BEINGS AFFECTED WITH  
7 SYSTEMIC LUPUS ERYTHEMATOSUS  
8 <130> FILE REFERENCE: INNS011---  
9 <140> CURRENT APPLICATION NUMBER: US/09/297,981  
10 <141> CURRENT FILING DATE: 1999-05-10  
11 <160> NUMBER OF SEQ ID NOS: 30  
12 <170> SOFTWARE: PatentIn Ver. 2.1  
13 <210> SEQ ID NO 1  
14 <211> LENGTH: 19  
15 <212> TYPE: PRT  
16 <213> ORGANISM: Artificial Sequence  
17 <220> FEATURE:  
18 <221> NAME/KEY: PEPTIDE  
19 <222> LOCATION: (2)..(18)  
20 <223> OTHER INFORMATION: "Xaa" STANDS FOR A MONO- OR DIMETHYLATED ARGININE  
21 <220> FEATURE:  
22 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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25 1 5 10 15  
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34 <221> NAME/KEY: PEPTIDE  
35 <222> LOCATION: (2)..(10)  
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42 <212> TYPE: PRT  
43 <213> ORGANISM: Artificial Sequence  
44 <220> FEATURE:

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53 Asn  
54 <210> SEQ ID NO 4  
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62 <222> LOCATION: (17)..(33)  
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68 20 25 30  
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70 35  
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94 <400> SEQUENCE: 6

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140 Tyr Asn  
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143 <212> TYPE: PRT  
144 <213> ORGANISM: Artificial Sequence

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168 1 5 10 15  
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171 <211> LENGTH: 29  
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194 <223> OTHER INFORMATION: "Xaa" STANDS FOR A MONO- OR DIMETHYLATED ARGININE

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195 <400> SEQUENCE: 13
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W--> 200 Asp Xaa Gly Gly Phe Gly
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208 <220> FEATURE:
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211 <223> OTHER INFORMATION: "Xaa" STANDS FOR A MONO- OR DIMETHYLATED ARGININE
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      227 1 5 10 15
W--> 228 Xaa Gly Gly Gly Asp Xaa Gly Gly Phe Gly
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243 <213> ORGANISM: Artificial Sequence
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Input Set: I297981.RAW

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26	W "N" or "Xaa" used: Feature required	Gly Xaa Gly
38	W "N" or "Xaa" used: Feature required	Ala Xaa Gly Xaa Gly Xaa Gly Met Gly Xaa G
51	W "N" or "Xaa" used: Feature required	Lys Ala Gln Val Ala Ala Xaa Gly Xaa Gly X
67	W "N" or "Xaa" used: Feature required	Xaa Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly X
69	W "N" or "Xaa" used: Feature required	Xaa Gly Gly Pro Arg Arg
82	W "N" or "Xaa" used: Feature required	Asp Asn His Gly Xaa Gly Xaa Gly Xaa Gly X
95	W "N" or "Xaa" used: Feature required	Gly Gly Xaa Gly Xaa Gly Gly Ser Gly Gly X
108	W "N" or "Xaa" used: Feature required	Glu Arg Ala Xaa Gly Xaa Gly Xaa Gly Xaa G
121	W "N" or "Xaa" used: Feature required	Gly Gly Gln Gln Asp Xaa Gly Gly Xaa Gly X
123	W "N" or "Xaa" used: Feature required	Tyr Asn Xaa Ser Ser Gly Gly Tyr Glu Pro X
125	W "N" or "Xaa" used: Feature required	Xaa Gly Gly Xaa Gly Gly Met Gly Gly Ser A
138	W "N" or "Xaa" used: Feature required	Gly Gly Gln Gln Asp Xaa Gly Gly Xaa Gly X
152	W "N" or "Xaa" used: Feature required	Ser Gly Gly Tyr Glu Pro Xaa Gly Xaa Gly G
154	W "N" or "Xaa" used: Feature required	Gly Gly Met Gly Gly Ser Asp Xaa Gly Gly
167	W "N" or "Xaa" used: Feature required	Asp Phe Asn Xaa Gly Gly Gly Asn Gly Xaa G
181	W "N" or "Xaa" used: Feature required	Asp Phe Asn Xaa Gly Gly Gly Asn Gly Xaa G
183	W "N" or "Xaa" used: Feature required	Gly Pro Met Gly Xaa Gly Gly Tyr Gly Gly G
196	W "N" or "Xaa" used: Feature required	Gly Asp Asp Xaa Xaa Gly Xaa Gly Gly Tyr A
198	W "N" or "Xaa" used: Feature required	Gly Xaa Gly Gly Asp Xaa Gly Gly Phe Xaa G
200	W "N" or "Xaa" used: Feature required	Asp Xaa Gly Gly Phe Gly
213	W "N" or "Xaa" used: Feature required	Gly Asp Asp Xaa Xaa Gly Xaa Gly Gly Tyr A
226	W "N" or "Xaa" used: Feature required	Gly Gly Tyr Xaa Gly Xaa Gly Gly Asp Xaa G
228	W "N" or "Xaa" used: Feature required	Xaa Gly Gly Gly Asp Xaa Gly Gly Phe Gly